

User manual

2010-12-21

CuroCell® AREA

Self adjusting pressure care mattress

User manual item number: 95-001064



Contents

Important safety precautions	3
Introduction	4
Product description	5
Instruction for use	7
Cleaning and reconditioning	8
Storage	10
Troubleshooting	11
Technical description	12
Spare parts	14
Options and accessories	15
Warranty	16
Other information	17
Own notes	18

IMPORTANT SAFETY PRECAUTIONS

Read all instructions prior to use

WARNING!

- 1 The product must only be used for its intended purpose as described in this manual. The product may not be combined, assembled or repaired with other parts, accessories or spare parts other than those described in this manual or other documentation from Care of Sweden.
- 2 The mattresses are protected by a hygiene cover; avoid using other covers in combination with the mattress.
- 3 **DO NOT USE** in the vicinity of or in contact with fire sources/hot surfaces, such as fire, burning cigarettes or hot lamps. Although the product has undergone fire testing, it could become damaged if it comes into contact with fire sources.
- 4 Position and use the product in a manner that prevents it from becoming trapped or damaged. **NOTE:** Be particularly aware of trapping damage when using bed rails.
- 5 Always make sure the mattress has the right size.
- 6 The hygiene cover does not allow liquid or air to penetrate, but is vapour permeable. Make sure that the patient is positioned correctly to avoid the risk of suffocation.
- 7 Prevent damage to the hygiene cover from sharp objects.

1. Introduction

Always read the user manual prior to use.

1.1 General information

This system is a medical device with CE-marking in accordance with MDD 93/42/EEC.

The system has been tested and approved according to the following standards:

SS-EN ISO 12182	EN 597-1
SS-EN ISO 14971	EN 597-2
SS-EN ISO 10993	EN 14126

1.2 Intended use

CuroCell® AREA is a replacement mattress and can be used in all types of health care environments. The mattress is intended to assist in the prevention and treatment of pressure ulcers up to and including category 3⁽¹⁾. The recommended user's weight is 30-230 kg.

The mattress must always be cleaned between patients.

NOTE!

- When used together with positioning pillows, read the pillow user manual carefully for correct positioning of the patient.
- If you are using this product with an evacuation sheet, it is the user's responsibility to ensure that it is safe to use for evacuation.
- Be careful when using bed rails or other protection on the bed so that the mattress does not become crushed or damaged.
- The mattress must not be lifted with a person lying on it or used for any other type of transport other than a possible evacuation using an evacuation sheet.

(1) European Pressure Ulcer Advisory Panel, Quick reference guide 2009.

2. Product description

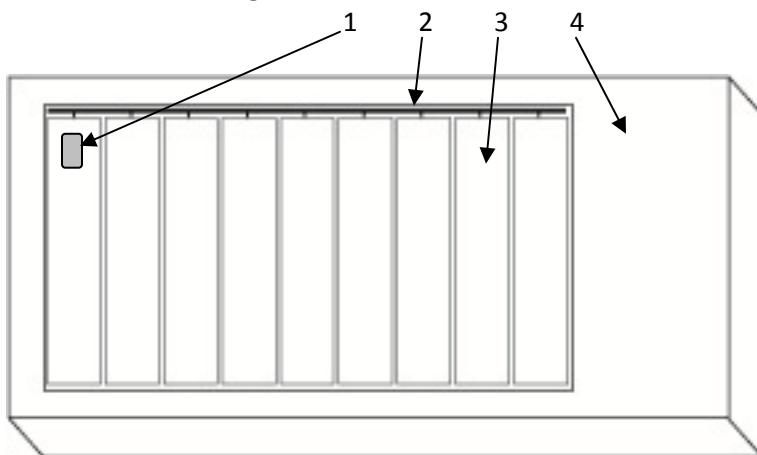
The CuroCell® AREA is available in the following sizes. Width 80/85/90/105/120 cm, length 200 cm and width 80/85/90 cm, length 210 cm. For other request please contact Care of Sweden or your local dealer.

Because of its unique construction combining foam and air, this mattress provides high user comfort, as well as a solution for pressure care without the need for external pump or electricity. The system uses patient weight and movements to distribute the internal air reservoir amongst the cells, in order to always maintain low surface pressure.

The CuroCell® AREA is delivered with a liquid resistant and vapour permeable hygienic cover with welded seams. An inner cover is also included.

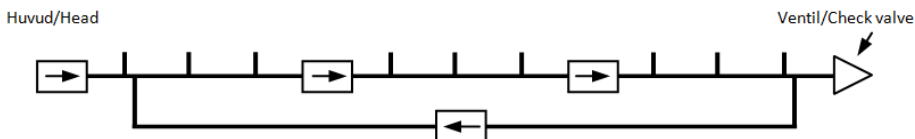
The mattress has a built in heel slope for protection of heels.

2.1 Mattress drawing

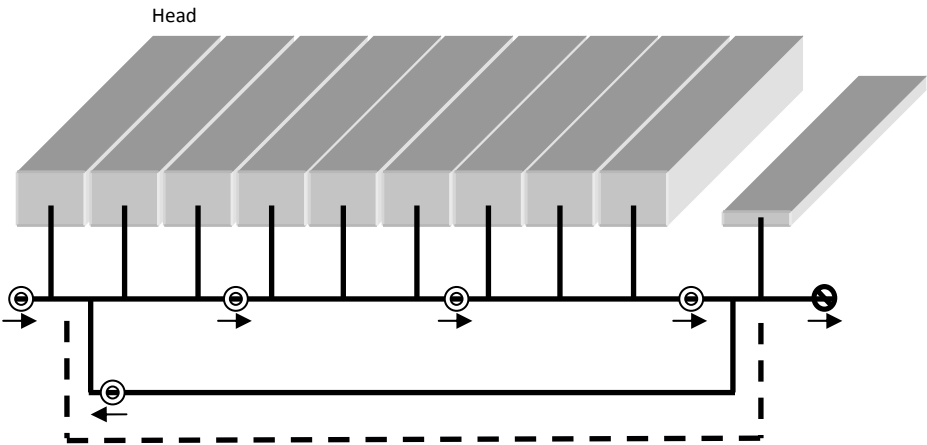


1 Label for "Head end" 2 Tubes 3 Air cells 4 Foam core

Tube system



Tubing system including extra cell in foot end



3. Instruction for use

3.1 Unpacking the mattress

The mattress is packed in a box.

1. Start with making sure that the package is not damaged. When opening the box and any other protective material, avoid using a knife since this could damage the mattress and cover.
2. Put the mattress on the bed frame and correct the cover if necessary.
3. After a few minutes the product is ready to be used.

3.2 Hand check

Hand check is used to ensure that the function of the mattress is correct. This should be done regularly.

Open the cover and insert your hand between the air cells directly underneath the user's pelvic region, use a vertical hand. There should be a clearance of 2-3 fingers between mattress base and the patient. If not, you need to check cells and tubing.

If the problem is not resolved, please contact Care of Sweden or your local dealer.



4. Cleaning and reconditioning

It is important to follow the instructions below before using the product for a different user. Consult the hygiene responsible or the supplier for help and instructions when unsure.

NOTE!

Check the hygiene cover each time the product is cleaned. If damaged, it must be replaced or repaired.

4.1 Covers

MATTRESS COVER



Covers can be wiped off with a mild cleaner (e.g. washing up liquid) and water or with an alcohol-based disinfectant/cleaner intended for this purpose. Perform, Virkon or Desisoft can also be used. Excrement and blood spots must be removed immediately with cold water. Carefully follow local instructions and usage instructions for the cleaner.



Multi-layer covers should be divided before washing. Wash with like colors.



Chlorine and phenol-based cleaners could have a negative impact on the PU surface and should be avoided. If chlorine is used, we recommend a mixture of max. 1%.

INNER COVER



Clean the affected area using a mild cleaner (e.g. washing up liquid) and water or with an alcohol-based disinfectant/cleaner intended for this purpose. Perform, Virkon or Desisoft can also be used.

4.2 Foam core



Clean the affected area with a mild cleaner (e.g. washing up liquid) and water or with an alcohol-based disinfectant/cleaner intended for this purpose. Perform, Virkon or Desisoft can also be used.

Press out the water carefully. Let the foam core dry in a warm, ventilated area, without direct exposure of sunlight. The foam core needs to be completely dry before it is used again.

4.3 Air cells

1. Remove the covers. See instructions in chapter 4.1 for cleaning covers.
2. Carefully remove the air cells from the foam core. Remove the cell holder from the cells.
3. Place the air cells and the tubes on a clean area which is suitable for washing.
4. Wipe off cells and tubes with alcohol-based disinfectant/cleaner intended for this purpose. Perform, Virkon or Desisoft can also be used. Allow to dry.
5. Replace the cells into the cell holder. Place the air cells back into the foam core. Check that all the tubes and connectors are secure and tight, before closing the cover.
6. Wipe off work surfaces with alcohol-based disinfectant/cleaner intended for this purpose. Perform, Virkon or Desisoft can also be used.

If cells for any reason have loosened from the tubes, these must be replaced according to drawing in chapter 2.1.

5. Storage

Store the mattress on a flat surface or carefully rolled/folded with the zipper closed. Always store at room temperature in a dry area. Make sure the mattress is stored where it will not be exposed to thrusts, hits or other things that can damage it. Avoid direct exposure of sunlight. If the mattress is to be stored more than 3 months, we recommend it is stored on a flat surface (not folded or rolled up).

6. Troubleshooting

Problem	Solution
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The patient is bottoming out	Open covers and check cells and tubing. Check again using a Hand check (see section 3.2).
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If your questions are not answered by the above information, please contact Care of Sweden or your local dealer.

7. Technical description

7.1 Technical specification

MATTRESS	SPECIFICATION
Model	CuroCell® AREA
Dimension (BxLxH)	80/85/90/105/120x200x18 cm, 80/85/90x210x18 cm
Weight	16 kg (90x200 cm)

NOTE: The manufacturer retains the right to modify the product specification at any time.

WARNING!

Follow the operations and maintenance instructions carefully in order to prevent bodily injuries, as well as damages to the product or other equipment.

7.2 Labeling

The mattress is labeled with product name, article number, production date, size, bar code, as well as care and wash instructions.

The product also displays what side is up/down and head/foot.

7.3 Symbol Definitions

XXXX-XX-XX

Year-Month-Day



Read the user manual



Grounded contact



CE marked acc. to
MDD 93/42/ECC



Class II equipment
(Double Insulated)



Type BF equipment



Fire classification



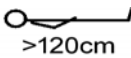
Patient information –
category



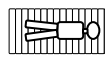
Foot placement



Recommended user weight



Recommended
minimum length



The mattress should only be
used lying in the lengthwise
direction on the mattress



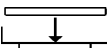
Not in domestic refuse,
follow recycling instructions



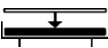
Recycling



Length of warranty



Directly on bed base



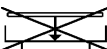
Place on top of existing
mattress



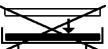
Can be rotated



Can be turned



Not directly on bed base



Not on top of existing mattress



Do not rotate



Do not turn



Place on top



Place underneath



Wipe off



Do not iron



Machine wash at 70° C



Machine wash at 95° C



Tumble dry



Drip dry



Do not tumble dry



Do not dry clean



<1%
Chlorine



Do not use chlorine

8. Spare parts

Art. no.	Description	Size
CC-900050	Air cell AREA, 1 pcs	-

If other spare parts are needed, please contact Care of Sweden or your local dealer for further assistance.

9. Options and accessories

9.1 Options

Sturdy transport bag

Transport and storage bag.

9.2 Accessories

Art. no.	Description	Size
CC-925511	Cover Steel, top part	80x200 cm
CC-925512	Cover Steel, top part	80x210 cm
CC-925513	Cover Steel, top part	85x200 cm
CC-925514	Cover Steel, top part	85x210 cm
CC-925515	Cover Steel, top part	90x200 cm
CC-925516	Cover Steel, top part	90x210 cm
CC-925517	Cover Steel, top part	105x200 cm
CC-925519	Cover Steel, top part	120x200 cm

58-900906	Transport bag	-
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9.3 Other accessories

To ensure the best level of comfort, we recommend use of accessories from Care of Sweden since our products are designed to work well together. Please contact Care of Sweden or your local dealer for accessories or more information on our products.

10. Warranty

10.1 Scope

This CuroCell® system is covered by a 3-year warranty for manufacturing defects. The warranty does not apply to normal wear and tear or product impairment or damage stemming from negligence or improper handling/care.

10.2 Service and repairs

This CuroCell® mattress is a medical device, in accordance with MDD 93/42/EEC, that is used as an aid in preventing and treating pressure ulcers.

Service and maintenance must always be performed by Care of Sweden or one of its authorised technicians. Only use spare parts that have been approved by Care of Sweden. Use of non-approved spare parts invalidates the warranty.

A warranty claim must be submitted to Care of Sweden before the product is returned.

Please contact Care of Sweden or your local dealer if you have questions regarding warranty and service.

11. Other information

11.1 Disassembly and recycling

A used CuroCell® mattress must be taken to a recycling centre and sorted as combustible waste.

For more information contact Care of Sweden or your local dealer.

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Manufactured by



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Supplied by